

Energy Events and Activities

Dear Esri User Conference Oil & Gas Attendee,

We are excited to welcome you to the 2023 Esri User's Conference! We have a terrific lineup of sessions for you to choose from this year - showcase demos, tech workshops, partner solutions, map gallery posters, Oil & Gas focused case-studies, a Special Interest Group (SIG) Meeting, a dedicated social and much more...

We have created this document to help guide you through what we see as some of the more relevant items, activities and information offered to you as an Oil & Gas user, but it is by no means complete. We hope it is useful in making the best of your time while in San Diego, but please explore the many other options open to you.

Checklist for UC Success

- 1. **Download the Esri Events App:** Download the <u>Esri Events App</u> and have all the UC has to offer at your fingertips. This is very helpful for building your schedule for the week and making the most of your time.
- Review Jack Dangermond's Pre UC Q&A: We like to maintain an open and active dialog with our users. <u>Check out</u> the answers to common questions about software development, products, industries, education, and support. The Q&A offers a wealth of information, even if you only read the most important issues to YOU.
- 3. Attend the Plenary Session: Join Esri President Jack Dangermond, to see how GIS is playing a strategic role in *Creating the World You Want to See,* the theme for this year's conference. Here is the full line up of <u>Plenary speakers</u> and events. Plan to arrive a few minutes early to secure a good seat, doors will open at 7:45 am.

If you are new to the UC layout, you may find this online Conference Center Map useful.

Your Week At-A-Glance

Sunday		Pre-Conference Workshops	
Monday	8:30 ам -3:30 рм	Plenary	
	4-6 рм	Map Gallery Reception	
Tuesday	8.30 ам –3:30 рм	Oil & Gas Papers Track!	
		User Presentations	
	11:30 ам -12:30 рм	Petroleum Special Interest Group (PUG) Meeting (over lunch)	
	6-8:30 рм	Energy Social	
Wednesday	8:30-5:30 рм	Technical Workshops	
		Expo Hall	
		Esri Awards Ceremony	
Thursday	9:00 ам -6:00 рм	Technical Workshops	
		Expo Hall	
	5:30-10:00 рм	Thursday Night Celebration	
Friday	10:30 ам	Closing Session	



Oil & Gas Paper Sessions

The Petroleum / Oil & Gas track takes place on Tuesday, July 11th. To find other Natural Resource related sessions and events, and to create your own personalized schedule, please search the <u>online agenda</u> and download the <u>Esri Events app.</u> You can also build your schedule from your desktop and then access it on your mobile device using the app. We've created a summarized list of the Oil & Gas related user presentations below, please use the links to review the abstract presentations themselves:

Moderate	d Paper Presentations	
Tuesday, J	uly 11	
8:30 am	Innovating Energy Exploration Workflows	SDCC, Room 24B
	Geoprocessing Services Bring Subsurface Data to Life Yue Sun, Shell	
	Optimizing Geoscience GIS Data Sharing: Explore on the Go (EOTG) GIS Portal Hasspariah Dayang, Mohamad Rashid, Mohamed Zahari Mokhtar, Juazer Afiq, Peter Abolins, Petronas	
10:00 AM	Responsible Energy Operations	SDCC, Room 24B
	PureWest Energy's 2021 ESG Report Brought to Life Inside of ArcGIS StoryMaps Bobby Saleh, Purewest	
	Global Alignment and Stakeholder Engagement for Oil Spill Response Yan Wong, Jamie Lambert, ExxonMobil	
1:00 рм	Enabling the Connected Worker and Digital Reality of the Future	SDCC, Room 24B
	Wellhead Inspection Tool Using ArcGIS Survey123 Naeim Babaii, Chevron	
	ExxonMobil's Journey to a More Visual Way of Working Athicha Dhanormchitphong, Kyle Daughtry, ExxonMobil	
2:30 pm	Enterprise GIS and Land Resource Management	SDCC, Room 24B
	Enterprise Land Management – Permitting and Protecting Majed Abulleif, Loai Hibshi, Muhammad Ali, Saudi Aramco	
	I-Move Rig Move Process Maryam AI Shehhi, Ahmad Sabri AlKhatib, ADNOC Onshore	



Special Interest Group (SIG) Meeting

Special Interest Group (SIG) Meetings are open meetings generally oriented around a specific community or topic, many have a well-developed agenda and are run by a community committee, in the case of Energy – that would be the PUG Group.

Tuesday, 11 July 2023 11:30 am to 12:30 pm - Ground Level, SDCC - Room 5A

The Esri PUG community is growing and evolving. Today, that community includes a broad range of GIS application interests across the energy resource industries - including oil & gas, pipeline and renewables. This evolution is reflected in the changing nature of company profiles, priorities, geographic scope and diversity. This SIG meeting will principally be a discussion with the PUG Steering Committee and members to prioritize and facilitate the ongoing PUG community agenda for the coming year. Panelists: Andrew Norris, NextEra Energy, Brian Boulmay, Esri, with participation from other PUG Steering Group Members present.

Other Special Interest Group Meetings – that may be of interest				
Tuesday, July 11				
11:30 AM	Digital Twin SIG	SDCC, Room 5B		
Wednesday	Wednesday, July 12			
11:30 AM	Pipeline SIG: Trends and Technology, a community based discussion	SDCC, Room 26A		
Thursday, July 13				
11:30 AM	Renewables SIG: Trends and Technology	SDCC, Room 5A		

Esri Energy Social

Join us for a casual gathering of your energy related peers (Oil & Gas, Pipeline, Renewables & Mining communities) where you can catch up, network and meet with other community members over drinks and light appetizers.

Tuesday, July 11 6:00 PM-8:00 PM | Location - Marriot Hotel - Marina Terrace

(Please note the new location this year - still at the Marriot Hotel & Marina, but now on the harbor side pool level.)

Thank You to Our Energy & Mining Social Sponsors!



















SDCC = San Diego Convention Center Please note: All listings subject to change; not every paper or event may be presented here.



Highlighted Tech Sessions

There is a wealth of technical sessions available throughout the week. You'll find everything from product updates, map design sessions, open conversations on workflows for the office and the field, Cloud Configuration and Security options, and many more. Here are a few that we might recommend in agenda order, but please check the full agenda of Tech Sessions <u>here</u>.

Technica	Workshops			
Tuesday, Jι	ily 11			
8:30 AM	ArcGIS Pro: Migrating from ArcMap	SDCC, Room 16 AB		
	ArcGIS Knowledge: An Overview	SDCC, Room 2		
	ArcGIS Dashboards: Best Practices	SDCC, Room 31 ABC		
	Development Strategies for Desktop and Mobile Apps	SDCC, Room 9		
10:00 AM	ArcGIS Survey123: An Introduction and What's New	SDCC, Room 6 F		
	ArcGIS Pro: What's New	SDCC, Room 17 A		
	ArcGIS Online and ArcGIS Enterprise: Choosing the Right App Builder	SDCC, Room 33 ABC		
1:00 PM	ArcGIS Utility Network: An Introduction	SDCC, Room 6 F		
	Spatial Analyst: Finding the Best Locations Using the Suitability Modeler	SDCC, Room 14 B		
	Big Data and GeoAnalytics: An Overview	SDCC, Room 15 B		
	Imagery: Using Deep Learning for Feature Extraction and Classification	SDCC, Room 17 B		
2:30 PM	ArcGIS Workflow Manager: An Introduction	SDCC, Room 15 B		
	ArcGIS Velocity: An Introduction	SDCC, Room 16 AB		
	ArcGIS Enterprise Sites: An Introduction	SDCC, Room 2		
	ModelBuilder: An Introduction and Best Practices	SDCC, Room 30 C		
4:00 PM	Python in ArcGIS: An Overview	SDCC, Room 16 AB		
	ArcGIS Enterprise: Publishing Content and Services	SDCC, Room 31 ABC		
Wednesday	ArcGIS Enterprise: Publishing Content and Services SDCC, Room 31 ABC ednesday, July 12			
8:30 AM	ArcGIS Hub: An Introduction	SDCC, Room 15 B		
	ArcGIS Pipeline Referencing: An Introduction	SDCC, Room 30 D		
1:00 PM	ArcPy: An Introduction	SDCC, Ballroom 6 F		
	ArcGIS Image Analyst: ArcGIS Pro as an Imagery Workstation	SDCC, Room 17 B		
	ArcGIS Field Maps: Situational Awareness and Team Coordination	SDCC, Room 30 B		
2:30 PM	Living Atlas: Basemaps-Not Just the Background	SDCC, Ballroom 6 F		
	Living Atlas: An Introduction to Imagery Content	SDCC, Room 14 A		
	ArcGIS Pro: An Overview of the GeoAl Toolbox	SDCC, Room 15 A		
	Defining and Implementing Your Geospatial Strategy	SDCC, Room 15 B		
4:00 PM	ArcGIS Experience Builder: Migrating from ArcGIS Web AppBuilder	SDCC, Room 15 A		
Thursday, J	luly 13			
8:30 AM	Imagery: What's New	SDCC, Room 15 B		
	Field Operations: The Road Ahead	SDCC, Room 32 AB		
	ArcGIS Pro: Working with BIM Data	SDCC, Room 4		
	ArcGIS Pipeline Referencing: What's New and the Road Ahead	SDCC, Room 5 B		
10:00 AM	ArcGIS StoryMaps: What's New and The Road Ahead	SDCC, Room 14 B		
1:00 PM	ArcGIS Enterprise: The Road Ahead	SDCC, Ballroom 6 C		
	ArcGIS Insights: An Introduction	SDCC, Ballroom 6 B		
2:30 PM	ArcGIS Enterprise: Cloud Implementation Best Practices	SDCC, Room 16 AB		
	Advanced Analytics Using Knowledge Graphs	SDCC, Room 30 A		
4:00 PM	ArcGIS Online: The Road Ahead	SDCC, Ballroom 6 DE		

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Showcase – Expo Area

The UC Expo Showcase is extensive this year, with Technology areas, Demo Theaters, Industry Specific Resource Areas, and very many Esri Partners. We encourage you to browse at will – but there is a <u>Showcase map</u> if you wish to pick and choose. Please, whatever you do visit the Nat. Resources Area. Ground Level Exhibit Hall A, San Diego Convention Center (SDCC)

Natural Resources – Showcase Area

Please stop by the Natural Resources Showcase Area on the main Exhibit Floor to meet with the Esri O&G industry team and discuss your ideas, plans and any challenges you may be having, plus ask any questions and about industry-specific demos. Also, visit to learn about emerging trends and hear firsthand about ArcGIS as a complete platform for Energy Resources. Come share your story, meet your peers, and Esri staff working with the Energy and wider Natural Resource communities every day.

Tuesday, July 11	9:00 AM-6:00 PM
Wednesday, July 12	9:00 AM-6:00 PM
Thursday, July 13	9:00 AM-4:00 PM

Other Showcase Areas of Interest - Sustainable World Community

Visit the Sustainable World Showcase to see GIS solutions for conservation, sustainable development, humanitarian assistance, and equity and social justice. At Esri, we believe that GIS is a critical tool to enable organizations to make the world a better place. When applied to these disciplines, GIS helps organizations and people make better decisions about how to maximize the impact of limited resources to affect people, planet, prosperity, and peace. Check out all of the Sustainable World Community events at UC.

Map Gallery

Opening & Evening Reception, Monday July 10, 4:00 p.m.–6:00 p.m. SDCC Sails Pavilion (Upper Level)

Browse maps that showcase the work of ArcGIS users around the world, or search for your interest areas using terminals in the gallery. We have curated a list of forestry related maps and a few general interest ones that caught our attention. We encourage you to browse and pick up some great map-making ideas outside of your usual domain. Following the Conference, all the maps will be available in the <u>online Map Gallery</u>.

See appendix

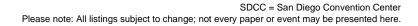


Showcase – Partners to Look out

There are over <u>200 exhibitors</u> on the main show floor from Tuesday through Thursday. It's a great opportunity to browse new solutions and pick up ideas from other industries that you can apply back to your own work.

These sponsors and exhibitors are a good start for your exhibit browsing:

Exhibitor	Booth Number	Exhibitor	Booth Number
AECOM	427	GIS Certification Institute	315
Argis Solutions	2212	Inner Corridor Technologies, Inc.	1927
Association of American Geographers	2031	Leica Geosystems Inc.	419
Autodesk	1619	Maxar	319
AWS	1219	Michael Baker International	2115
Bad Elf	726	Nearmap	1719
BlackSky	827	Planet	2127
Cartegraph	1727	QSIT	2412
con terra GmbH	727	Regrid	2230
CoreLogic	2219	ROK Technologies	1627
Dataminr	815	Safe Software	2119
Deloitte Consulting	126	SAS	615
DTN	2315	Texas A&M Master of Geoscience- Online	339
East View Geospatial	414	Trimble Inc	1226
Eos Positioning Systems	819	VertiGIS	1019
GEO Jobe GIS Consulting	208	Whitestar	200
GeoComm	1813		





Also in the Expo Showcase Area – this year we see a return of an extensive Demo Theater Schedule, if you are a visual learner and would like to see the s/w products in action, this is the place to go; we've selected just a few of the many on offer:

Demo Th	neater Sessions	
Tuesday,	ArcGIS Image for ArcGIS Online: An Introduction	SDCC, Expo Demo Theater 10
10:00 AM	-	
11.00	ArcGIS Enterprise on Kubernetes: Wreck It and Recover It	SDCC, Expo Demo Theater 11
11:30 AM	ArcGIS Notebook Server: An Introduction	SDCC, Expo Demo Theater 11
1:00 PM	ArcGIS Enterprise: Printable Reports from Web Applications	SDCC, Expo Demo Theater 11
	Utilizing Imagery Before and After an Incident	SDCC, Expo Demo Theater 14
2:30 PM	ArcGIS Solutions: Building 3D Basemaps	SDCC, Expo Demo Theater 10
	ArcGIS Dashboards: Tips and Tricks for Using Arcade	SDCC, Expo Demo Theater 2
	Living Atlas: Cartographic Tips and Tricks	SDCC, Expo Demo Theater 5
4:00 PM	ArcGIS Experience Builder: Building Your First Widget	SDCC, Expo Demo Theater 2
	Improving Utility Field Worker Safety with ArcGIS Field Maps	SDCC, Expo Demo Theater 7
Wednesda		
10:00 AM	Sub-Surface Analysis: Example Applications and Workflows	SDCC, Expo Demo Theater 1
	ModelBuilder: Tips and Tricks	SDCC, Expo Demo Theater 7
	Sustainable Development Goals at the Sustainable World Showcase	SDCC, Sustainable World Theater
11:30 AM	ArcGIS Experience Builder: Tips and Tricks	SDCC, Expo Demo Theater 2
	ArcGIS Pro: Tools for Diagnosing Issues and Troubleshooting	SDCC, Expo Demo Theater 3
	Finding Fires Fast with AI-Powered Lightning Detection Intelligence	SDCC, Expo Startup Zone Theater
1:00 PM	ArcGIS Python API: Managing ArcGIS Online Users	SDCC, Expo Demo Theater 12
	ArcGIS Survey123: Introduction to Reports	SDCC, Expo Demo Theater 13
	ArcGIS Notebooks: Applications in Spatial Data Science	SDCC, Expo Demo Theater 6
	Planning a Drone Mapping Flight	SDCC, Expo Demo Theater 7
2:30 PM	ArcGIS Online and ArcGIS Enterprise: Designing Dynamic Pop-ups	SDCC, Expo Demo Theater 12
	ArcGIS Indoors: Floor Plan Editing	SDCC, Expo Demo Theater 2
	ArcGIS Pro: Named User License Management	SDCC, Expo Demo Theater 3
	Visualizing Live Data in Real-Time Analytics	SDCC, Expo Demo Theater 9
4:00 PM	ArcGIS: Voxel Visualization	SDCC, Expo Demo Theater 1
	ArcGIS Pro SDK for .NET: Building Your First Add-In	SDCC, Expo Demo Theater 10
	Capturing the Electric Vehicle Opportunity	SDCC, Expo Demo Theater 13
	ArcGIS StoryMaps: Tips and Tricks for Authoring Great Stories	SDCC, Expo Demo Theater 2
	The Geographic Approach to Protecting, Restoring and Managing our Env.	SDCC, Expo Demo Theater 8
		SDCC, Expo OPS Demo Theater
5:30 рм	Applying Geospatial Intelligence for Security Operations ArcGIS Marketplace: Apps, Data, and Services for Esri ArcGIS Technology	SDCC, Expo Startup Zone Theater
Thursday,	· · · · ·	
10:00 AM	ArcGIS GeoAnalytics Engine: Applications and Use Cases	SDCC, Expo Demo Theater 10
	ArcGIS Enterprise: Expanding on the Base Deployment	SDCC, Expo Demo Theater 11
11:30 AM	Exploiting Full Motion Video for Intelligence Operations	SDCC, Expo Demo Theater 3
1:00 PM	Classifying Lidar to Generate 3D Trees: Best Practices	SDCC, Expo Demo Theater 1
1.001.101		SDCC, Expo Demo Theater 14
	Public Safety GIS for Executive Protection and Travel Risk	SDCC, Expo Demo Theater 2
	ArcGIS StoryMaps: Showcase Your GIS Work Like a Rock Star	SDCC, Expo Demo Theater 4
	Using the Sync Service to Support Offline Data Collection in Linear Ref Systems	
0.00 514	Is Your Right-of-Way Future-Proof? With GIS, It Can Be	SDCC, Expo Demo Theater 7
2:30 PM	ArcGIS Field Maps: Working with Offline Maps	SDCC, Expo Demo Theater 5
	ArcGIS Online and ArcGIS Enterprise: Sharing Imagery	SDCC, Expo Demo Theater 7

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Family Activities that might be Fun

Family Night at the Esri UC Expo - Wednesday, July 12, 2023 | 4:00 p.m.-6:00 p.m.

Introduce your family and friends to GIS at the Esri UC Expo. Explore partner exhibits, enjoy fun activities, and more, this event is open to anyone accompanied by a registered Esri UC attendee. For other ideas, check out these resources of <u>Family</u> <u>Activities</u> and <u>Fun Things To-Do</u>, such as:

Esri 5K Fun Run/Walk - Wed, July 12, 2023 | 6:30 a.m, Start: Hilton San Diego Bayfront-Embarcadero Boardwalk

Join fellow attendees along the scenic San Diego waterfront. Regardless of your pace, you can pound the pavement with the Esri user community by your side. Participants aged 18 years and over are welcome to join. Guests of Esri UC attendees can register on-site at the Activities Desk in Hall D beginning on Sunday, July 9, 2023. **PRICE** Early Bird: \$50, On-Site (beginning on Sunday, July 9): \$55. *Price includes Esri 5K T-shirt and medal.*

KiddieCorp Childcare

Our trusted partner KiddieCorp provides a program for children from six weeks to age 12. This program is designed to keep your kids engaged with exciting activities and offer you peace of mind while attending the Esri UC. Our goal is to provide your children with a comfortable, safe, and happy experience. Program reservations made through June 12, 2023, are \$8 per hour, per child. Reservations made after June 12 are subject to availability and are \$10 per hour, per child. Marriott Marquis San Diego Marina | Rancho Santa Fe Rooms 1–3

DATES, TIMES, AND LOCATION

Monday, July 10, 2023 | 7:30 a.m.-6:30 p.m. Tuesday, July 11, 2023 | 7:30 a.m.-6:30 p.m. Wednesday, July 12, 2023 | 7:30 a.m.-5:30 p.m. Thursday, July 13, 2023 | 7:30 a.m.-5:30 p.m. Friday, July 14, 2023 | 7:30 a.m.-12:30 p.m.

Esri Kids Fair

Are your kids joining you in San Diego? Visit the Esri Kids Fair to introduce them to GIS through a series of educational handson activities. This year's theme is World Wonders. After completing each activity and filling out their passport, kids will earn a special prize. Kids from ages 5 to 14 are welcome. A parent or guardian must be present at all times. Registration is available on-site at no additional cost. Marriott Marquis San Diego Marina | Pacific Ballroom 21

DATES, TIMES, AND LOCATION

Tuesday, July 11, 2023 | 8:30 a.m.–5:30 p.m. Wednesday, July 12, 2023 | 8:30 a.m.–5:00 p.m. Thursday, July 13, 2023 | 8:30 a.m.–2:00 p.m.

Party at Balboa - Thursday, July 13, 2023 | 5:30 p.m.-10:00 p.m. Balboa Park

Come celebrate a great Esri UC and join us for the Party at Balboa. Enjoy an array of international fare, entertainment, and activities for the entire family, including access to eight world-class museums at beautiful Balboa Park. The Party at Balboa is included in your Esri UC registration. Wristbands are required for entry. Additional wristbands for family and friends (not attending the Esri UC) are available for \$50 at the Activities Desk in the lobby of the convention center. Admission for kids aged 12 years and under is free, and wristbands are not required for these attendees. Round-trip shuttle transportation will be provided from the San Diego Convention Center to Balboa Park for the party, from 5:00 p.m.–10:30 p.m.

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Esri is excited to announce the GIS Day 2023 event registration will open early this year. Please visit go.esri.com/GISDay to register during UC and receive a swag pack.

We hope that you have an excellent and rewarding Esri User Conference.

Meet your UC Petroleum team!

Reach out to the Esri Petroleum staff during the conference and visit the Natural Resources showcase and/or schedule a meeting.

Plus, stay connected with the Esri Petroleum online community all year long!



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Esri Community

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MAP GALLERY APPENDIX

Printed Maps

Panel Ids Organization		Map Title	Industries	
A-01-07	Langan	Becoming More Sustainable With Insight(s)	AEC	
A-01-01	Langan Engineering and Environmental Services	ArcGIS Indoors: Can You Find Me Now?	AEC	
A-12-07	U.S. Geological Survey	Using Experience Builder to facilitate access to USGS Data Releases	Natural Resources, Geology,	
B-05-04	Nature Conservancy (Arlington, VA)	Geospatial Conservation at The Nature Conservancy - 2022 Annual Report & Map Book	Conservation - General	
A-12-08	USDOI Geological Survey			
C-01-02	Woodwell Climate Research Center	Alaska Topography	Conservation - General	
B-05-01	Nature Conservancy (Arlington, VA)	Alaska: Land, Water And Places	Conservation - Landscape	
B-06-07	Michael Bauer Research GmbH	World Purchasing Power 2022	Economic Development	
A-07-01	Columbia University	Sustainable Development Goal Indicators (SDGI) Data Collection:	Energy	
A-02-02	National Research Institute for Earth	R&D for Information Sharing to Support Disaster Response	Emergency Management	
A-12-06	Yosemite National Park	Multi-Decadal Changes in Perennial Snowfields of Yosemite National Park	Environment and Natural Resources, Water, Water Resources	
A-12-03	Colorado State University	Standardizing and Automating Digital Geologic-GIS Map Symbolization	Geology	
B-06-01	Czech Geological Survey	Geology, Soil Environment and Hydrogeology of the Sidama Region, Ethiopia	Geology	
A-11-04	USGS	Geologic and Seismotectonic Data for the 2025 National Seismic Hazard Model Update of Puerto Rico-U.S. Virgin Islands	Geology	
A-04-03	GIS Certification Institute	GISCI Map Contest - 1st Place Professional Category	GIS/IT	
A-10-01	Bureau of Ocean Energy Management	Tribal Interests and Wind Energy Leasing Offshore MA/RI	GIS/IT, Mapping/Topographic, Marine/Ocean Sciences	
B-13-02	Houseal Lavigne Associates	Everything You Wanted to Know about Flat Earthers But Were Afraid to Ask	GIS/IT, Professional Association, Mapping/Topographic	
B-03-08	US Dept. of Homeland Sec. (Washington, DC)	Arctic Circle - Bases and Facilities	Homeland/National Security	
B-06-04	City of Calgary (Calgary, AB)	Earth - map of our world	Mapping/Topographic	
A-10-05	Black Stone Minerals (Houston, TX)	Austin Chalk Redevelopment Project	Petroleum, Environment and Natural Resources	
A-05-01	City of Carson (Carson, CA)	Clean Energy Project	Renewable Energy	
A-05-03	City of Carson (Carson, CA)	EV Charging - City of Carson	Renewable Energy	
B-07-04	Lone Star Transmission, LLC	Lone Star Transmission Solar Resource Map	Renewable Energy	

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Virtual Maps

BGE inc.	Streamlining 360-Degree Video Data Visualization	AEC
Ramboll Gruppen (Copenhagen, 101)	GIS and Graphics: The Power of Two	AEC
Stantec	Agricultural Responses to Changing Water Supplies in Imperial Valley, California	Agriculture, Water Resources
Army Geospatial Center	US Volcano Status Live from USGS Volcanoes Program	Climatology/Meteorology
Golden State Water Company	Visualizing Five Years of the California Drought with Spacetime Cubes	Climatology/Meteorology, Conservation - General, Water, Water Resources
NatureServe	National Park Landscape	Conservation - Area
Bureau of Ocean Energy Management	Alternate sale area	Conservation - General, Petroleum
S&P Global Commodity Insights	North Sea Emissions Uncovered	Energy
US Department of Energy LANL	Solar Radiation Potential at Los Alamos Technical Area 3	Environment and Natural Resources
Kansas Geological Survey University of Kansas	Preliminary Surficial Geology of Lincoln County, Kansas	Geology
Mars Space Flight Facility	Using JMARS and ArcGIS for Planetary Exploration and Analysis	Geology
Department of Transport and Planning	Victoria Renewable Energy, Storage and Transmission	Renewable Energy
King Saud University	Detection of Red Sea Wave Characteristics from Satellite Imageries to Determine Suitable Locations for Harvesting Wave Energy	Renewable Energy
Tufts University	Highland turbines: Wind Farm Suitability in Scotland	Renewable Energy
Tufts University	Siting Agrivoltaics – A Socially, Ecologically, and Technically Informed Suitability Model to Guide Agrivoltaic Development in New England	Renewable Energy

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